CaH2Net Station Membership Requirements

Instructions: Page 1, Base Requirements – all applicants to complete
Page 2, Gold Star Evaluation – complete only if interested in Gold Star Classification

CaH2Net base Requirements	**Yes**	**No**
1. Station must have a current permit to operate.	_____	_____
2. Station will meet the following access conditions:		
a. Provide access to all OEM hydrogen vehicles and "approved" hydrogen vehicle conversions.	_____	_____
b. Share fuel quality data with OEMs upon request and develop fueling agreements with OEMs and fleets, when appropriate.	_____	_____
c. Fueling (choose one): self-service by driver trained to refuel OR fuel dispensed by trained on-site technician.	_____	_____
3. Station must be willing to communicate with ARB (provided confidential or trade secret information remains protected and only aggregate or non-confidential information is released to public and other CaH2Net members) by:		
a. Sharing experiences through participation in working groups, community interactions, and questionnaires. Questionnaires may ask for information on station usage, pricing strategy, hydrogen production/delivery methods, emissions, and incidents.	_____	_____
b. Assisting ARB in assessing progress toward meeting the environmental goals of the California Hydrogen Highway Network Blueprint Plan (i.e., emission reduction goals and use of renewable resources). For example, station owners will be asked about their current use of renewable resources for hydrogen production and/or their plans for future use of renewables.	_____	_____
c. Providing data on the types of vehicles that fuel at the station (i.e, make, model, fleet operator, FCV or ICE), number of fueling events, quantity of hydrogen dispensed per month, basic station design information (i.e., design throughput, storage capacity, hydrogen production/source).	_____	_____
d. Updating station status information (once website is created or identified).	_____	_____
4. Participate in publicizing and promoting the network by:		
a. Posting flags, stickers or other CaH2Net identification	_____	_____
b. Making brochures on CaH2Net and hydrogen vehicles available	_____	_____
c. Assisting, where necessary, in developing city directional signage	_____	_____

CaH2Net membership will be maintained as long as these requirements are met.

_____ _____
Signature Date

_____ _____ _____
Name & Title phone number email address

_____ _____
Name of hydrogen station Station contact and phone number

_____
Station address (street, city, county, zip code)

CaH2Net Gold Star Station Evaluation

(All applicants must complete Side 1)

Provide the following data to help determine if your station qualifies for the Gold Star rating

1. How is the hydrogen produced and in what form? (circle all that apply)

   Electrolysis Steam Methane Reformation Autothermal reformation

   Other_____ Gaseous hydrogen Liquid hydrogen

2. Where is the hydrogen produced?

   At the station At a central plant

3. For central plant production, how is the hydrogen delivered and how far?

   Tube trailer Mobile fueler Liquid H2 tanker truck

   One-way delivery distance: _____ miles

4. What is your station's capacity for:

   Hydrogen generation: _____ kg/day

   Hydrogen storage _____ kg

5. Use of renewable resources to generate, compress and/or dispense hydrogen:

   Type of renewables (circle all that apply): Solar Hydroelectric Geothermal Wind

   Biomass Landfill gas Biogas Other: _____

   Electricity use:

   _____ kwh per kilogram of hydrogen produced

   _____ percent of electricity from new renewables[1]

   Other renewable: _____ percent of total energy demand for hydrogen production

   Electrical energy provider: _____

[1] For the purpose of electricity generation, new renewable resources are 1) renewables that are tapped and utilized for the sole purpose of generating electricity to support hydrogen production, storage and dispensing, and 2) renewable electricity conveyed via the grid and originating from a renewable source (i.e., hydro, solar, etc.) that was installed after January 1, 2002. For the latter, new renewables that are fulfilling a utility's RPS requirement will not be counted as a new renewable for hydrogen production, storage and dispensing.